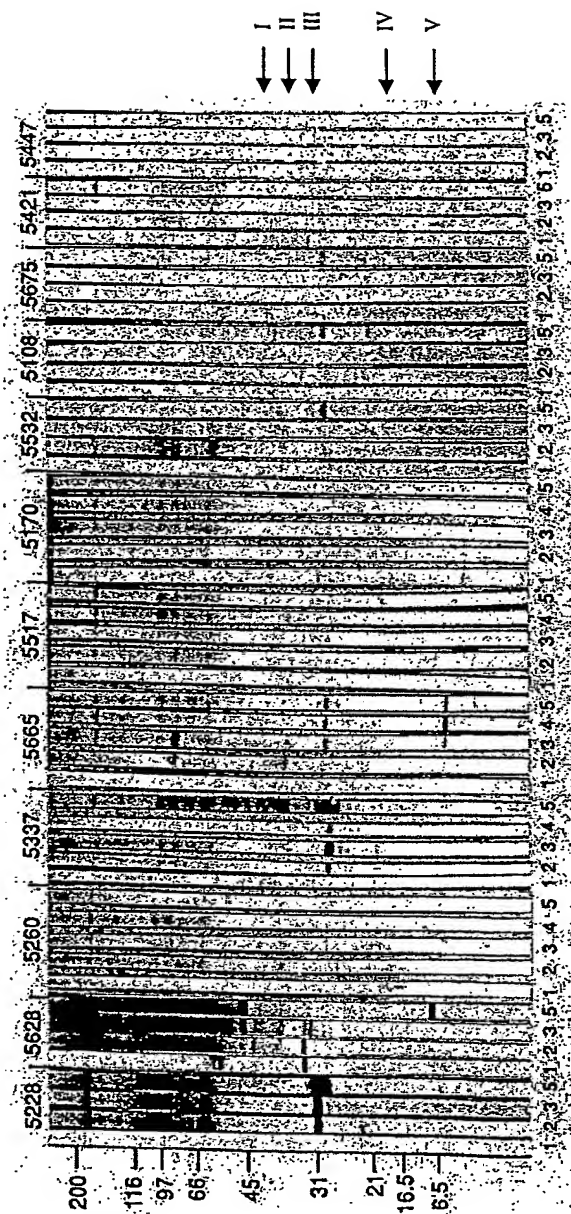


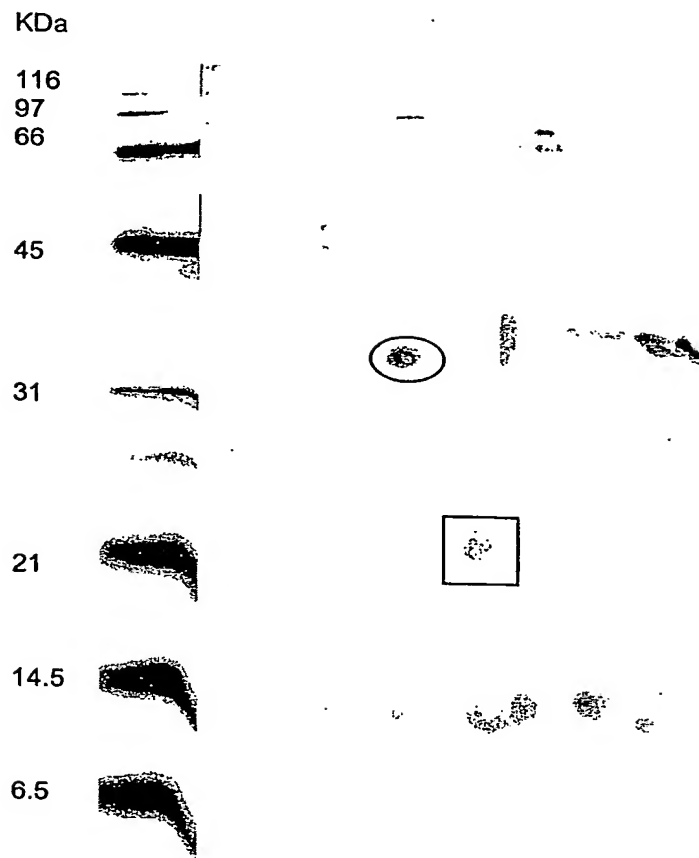
**FIG 1**

Figure 1.



# FIG 2

Figure 2.



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**FIG 3**

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Figure 3.

KDa

116

97

66

45

31

21

14.5

6.5



FIG 4

Figure 4

Nematode Aspin Homologues

Tco	WKLEOVLCATAFAPROKR-----LVGGTIAVIGCGSPGCVVGTGNVLYANGFRLRLRLSASEQCELTVYKQVAEYKASVK75
Oo	WKLEOVLCATAFAPROKR-----LVGGTIAVIGCGSPGCVVGTGNVLYANGFRLRLRLSASEQCELTVYKQVAEYKASVK75
Pt	WKLEOVLCATAFAPROKR-----LVGGTIAVIGCGSPGCVVGTGNVLYANGFRLRLRLSASEQCELTVYKQVAEYKASVK75
Ce	WKLEOVLCATAFAPROKR-----LVGGTIAVIGCGSPGCVVGTGNVLYANGFRLRLRLSASEQCELTVYKQVAEYKASVK84
Dl	WKLEOVLCATAFAPROKR-----LVGGTIAVIGCGSPGCVVGTGNVLYANGFRLRLRLSASEQCELTVYKQVAEYKASVK79
Ov	WKLEOVLCATAFAPROKR-----LVGGTIAVIGCGSPGCVVGTGNVLYANGFRLRLRLSASEQCELTVYKQVAEYKASVK83
Av	WKLEOVLCATAFAPROKR-----LVGGTIAVIGCGSPGCVVGTGNVLYANGFRLRLRLSASEQCELTVYKQVAEYKASVK79
Tco	QTLKERCKLRSRSCKPEEAAVSTK-----EEDLPKPPKPSFCTEDDTTORVFDGCMVCGNKVYVGNTEARDLDON154
Oo	QTLKERCKLRSRSCKPEEAAVSTK-----EEDLPKPPKPSFCTEDDTTORVFDGCMVCGNKVYVGNTEARDLDON151
Pt	QTLKERCKLRSRSCKPEEAAVSTK-----EEDLPKPPKPSFCTEDDTTORVFDGCMVCGNKVYVGNTEARDLDON151
Ce	QTLKERCKLRSRSCKPEEAAVSTK-----EEDLPKPPKPSFCTEDDTTORVFDGCMVCGNKVYVGNTEARDLDON161
Dl	QTLKERCKLRSRSCKPEEAAVSTK-----EEDLPKPPKPSFCTEDDTTORVFDGCMVCGNKVYVGNTEARDLDON155
Ov	QTLKERCKLRSRSCKPEEAAVSTK-----EEDLPKPPKPSFCTEDDTTORVFDGCMVCGNKVYVGNTEARDLDON158
Av	QTLKERCKLRSRSCKPEEAAVSTK-----EEDLPKPPKPSFCTEDDTTORVFDGCMVCGNKVYVGNTEARDLDON155
Tco	ETELAEFEKQTVVOEYKQIOQOVSNLFGGADFFSFFG-----DAKQTTTVAIVLPEDAPEQAVPHECTRIY228
Oo	ETELAEFEKQTVVOEYKQIOQOVSNLFGGADFFSFFG-----DAKQTTTVAIVLPEDAPEQAVPHECTRIY227
Pt	ETELAEFEKQTVVOEYKQIOQOVSNLFGGADFFSFFG-----DAKQTTTVAIVLPEDAPEQAVPHECTRIY226
Ce	ETELAEFEKQTVVOEYKQIOQOVSNLFGGADFFSFFG-----DAKQTTTVAIVLPEDAPEQAVPHECTRIY243
Dl	ETELAEFEKQTVVOEYKQIOQOVSNLFGGADFFSFFG-----DAKQTTTVAIVLPEDAPEQAVPHECTRIY234
Ov	ETELAEFEKQTVVOEYKQIOQOVSNLFGGADFFSFFG-----DAKQTTTVAIVLPEDAPEQAVPHECTRIY239
Av	ETELAEFEKQTVVOEYKQIOQOVSNLFGGADFFSFFG-----DAKQTTTVAIVLPEDAPEQAVPHECTRIY234

**FIG 5**

Figure 5

KDa

66

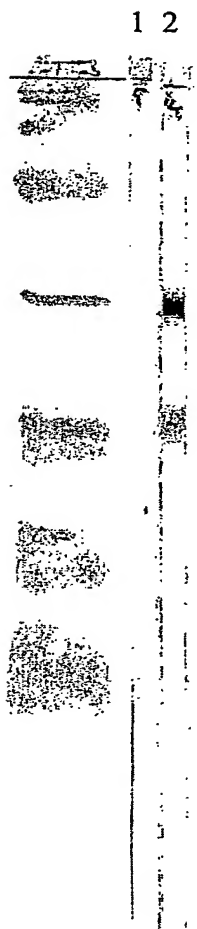
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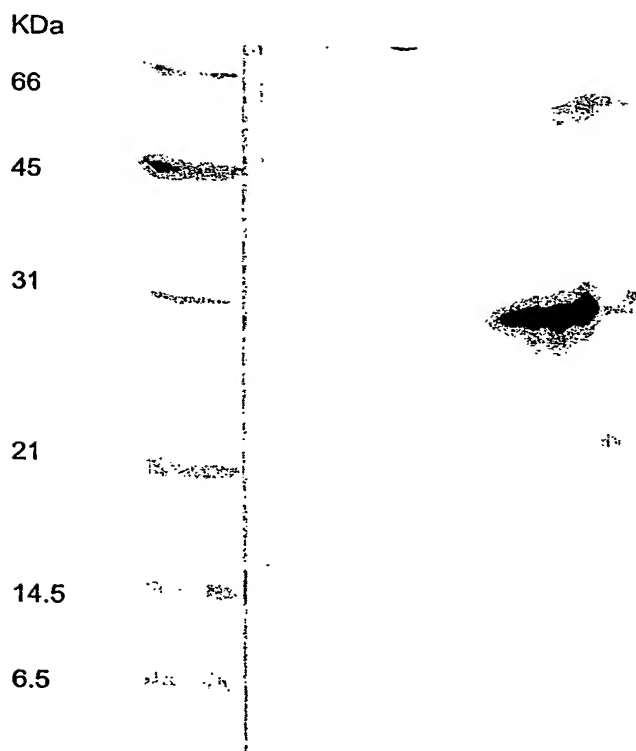


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**FIG 6**

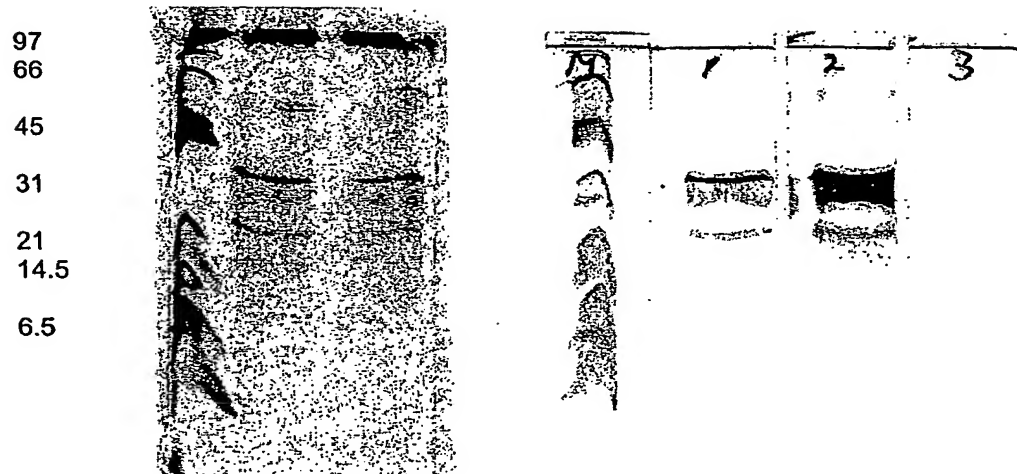
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Figure 6



**FIG 7**

Figure 7



**FIG 8**

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Figure 8

